

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112020\
 Data File : VW017440.D
 Acq On : 21 Nov 2020 00:59
 Operator : SY/VA
 Sample : L4819-19
 Misc : 5.68G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BB8

Quant Time: Nov 21 03:41:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 21 02:27:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	110413	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	102504	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	42000	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	25135	15.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.52%
7) Chloroethane-d5	2.89	69	25477	19.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.48%
10) 1,1-Dichloroethene-d2	4.01	63	40511	14.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.68%
20) 2-Butanone-d5	7.08	46	15415	57.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.84%
24) Chloroform-d	7.65	84	70636	24.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	8.31	65	39927	28.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.96%
29) Benzene-d6	8.27	84	128176	22.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.72%
33) 1,2-Dichloropropane-d6	9.27	67	37797	24.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.20%
37) Toluene-d8	10.32	98	112760	20.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.92%
38) trans-1,3-Dichloropropene-	10.58	79	15315	22.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.40%
39) 2-Hexanone-d5	10.93	63	9837	47.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	32443	27.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	37695	24.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.24%

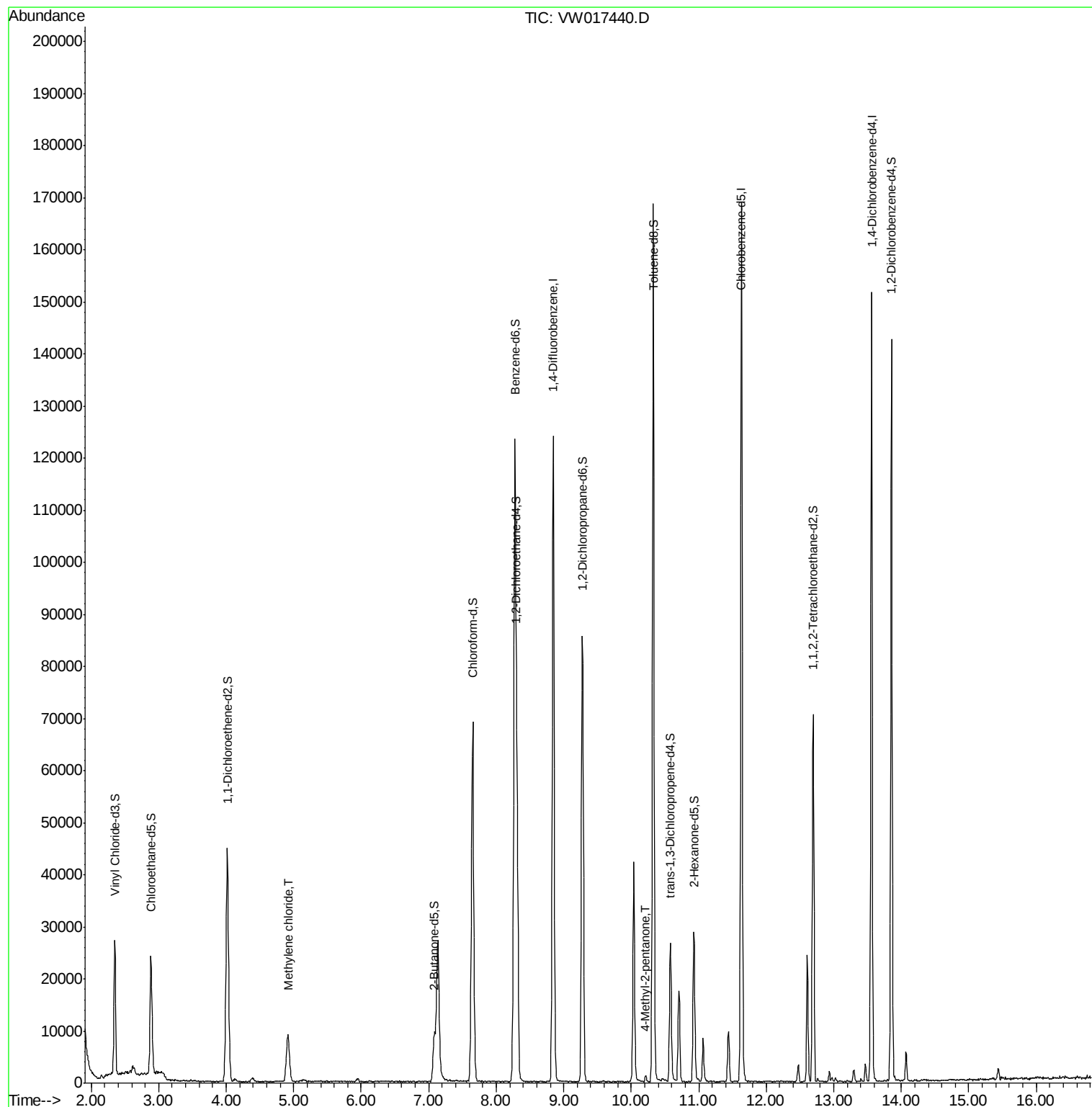
Target Compounds					Ovalue
16) Methylene chloride	4.92	84	7588	4.018 ug/L	93
43) 4-Methyl-2-pentanone	10.21	43	751	1.155 ug/L #	76

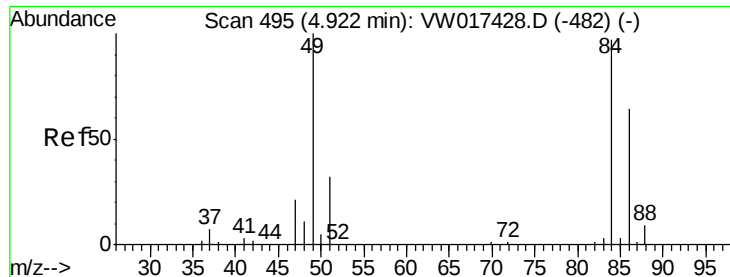
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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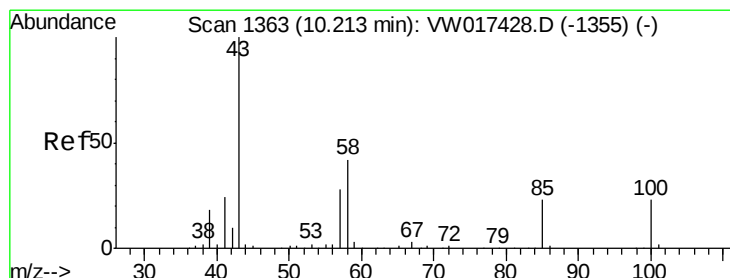
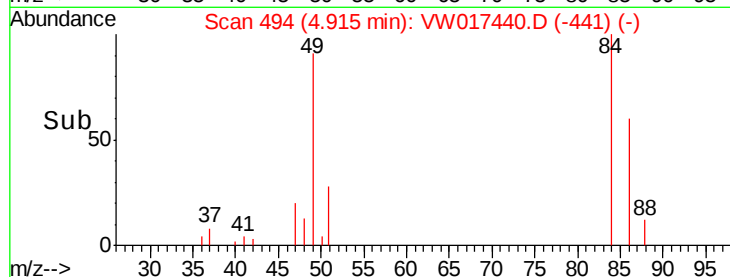
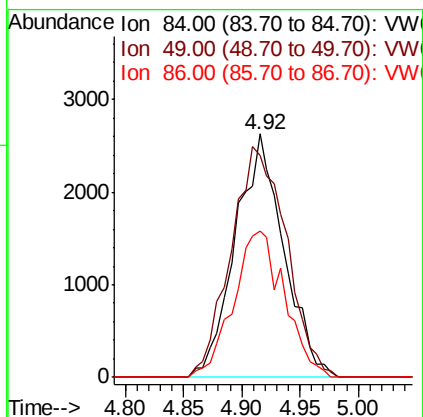
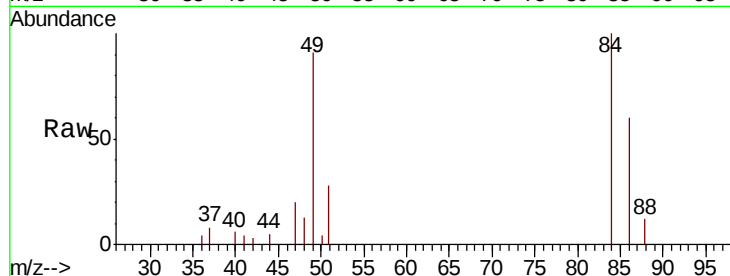




#16
Methylene chloride
Concen: 4.018 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW017440.D
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Instrument :
MSVOA_W
ClientSampled :
C0BB8

Tot Ion: 84 Resp: 7588
Ion Ratio Lower Upper
84 100
49 91.3 71.5 132.9
86 60.1 42.8 79.4



#43
4-Methyl-2-pentanone
Concen: 1.155 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW017440.D
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Tgt Ion: 43 Resp: 751
Ion Ratio Lower Upper
43 100
58 18.9 33.4 50.2#
100 20.4 16.3 24.5

